Automate AWS to increase efficiency and innovation

IDC research shows that organizations using Red Hat Ansible Automation Platform experienced:[1]

- ▸ **668%** 3-year ROI.

- ▸ **61%** reduction in unplanned downtime.

- ▸ **28%** more efficient public cloud management.

- ▸ **38%** more efficient network management.

- ▸ **36%** development team productivity gains.

Red Hat® Ansible® Automation Platform is a unified solution for enterprise automation. It combines the features, integrations, and flexibility needed to scale automation across domains, orchestrate essential workflows, and optimize operations in complex cloud environments.

By using Ansible Automation Platform as a managed offering on Amazon Web Services (AWS), your organization can leave the task of managing its platform and infrastructure to Red Hat and focus instead on innovating with automation.

The benefits of hybrid cloud automation

Cost efficiency: Increasing complexity can lead to needlessly inflated cloud costs. Automation can help ensure your unused instances and resources are retired.

Operational efficiency: By automating infrastructure and resource management tasks that are normally performed manually, you can make time to innovate and create value in other areas.

Governance: Automation helps ensure resources and processes adhere to your compliance and security regulations, reducing risk and the need for manual intervention.

Managed versus self-managed Ansible Automation Platform

Ansible Automation Platform is available for AWS as both a self-managed offering and a fully managed service offering.

A managed service offering of Ansible Automation Platform for AWS means that Red Hat site reliability engineering (SRE) teams manage the software and underlying IT infrastructure—the platform that forms the foundation of the operating environment. Red Hat also provides uptime service level agreements (SLAs), which put SRE teams in place to work behind the scenes to make sure the platform is properly maintained and consistently up-to-date.

A self-managed subscription, where the platform and infrastructure are managed by your organization, may make sense for companies that have specific cloud requirements or prefer to fully manage their cloud environment. However, a managed offering is ideal for organizations with a cloud-native, cloud-first IT approach that want to focus on getting up and running more quickly.

1   IDC White Paper, sponsored by Red Hat. "The Business Value of Red Hat Ansible Automation Platform." Document #US51839824, March 2024.

Take a look at the features of both managed and self-managed deployments of Ansible Automation Platform on AWS so that you can decide which is right for your organization:

Self-managed deployment	Managed deployment
▸ Customer-managed uptime, upgrades, and infrastructure.	▸ Hosted on Red Hat infrastructure.
▸ Static annual billing model.	▸ Uptime SLAs, upgrades, and infrastructure managed by Red Hat.
▸ Premium support for Ansible Automation platform provided by Red Hat.	▸ Premium support for Ansible Automation platform provided by Red Hat.
	▸ Dedicated SRE team.
	▸ Scales automatically.

Table 1. A comparison between managed and self-managed deployments of Ansible Automation Platform

The value of a managed Ansible Automation Platform subscription

With a managed Ansible Automation Platform subscription, Red Hat handles the deployment and operation of the control plane. Red Hat SREs monitor for issues, roll out necessary upgrades, and make automatic backups so your organization can focus on automating, innovating, and increasing productivity.

Uptime SLAs mean that Red Hat is responsible for ensuring your platform is operational, reducing downtime and boosting efficiency.

Integrated AWS billing gives you full visibility into costs, with a single bill, and allows organizations with existing AWS Enterprise Discount Program (EDP) agreements to count the subscription toward that agreement.

Automate AWS with Ansible Automation Platform

With Ansible Automation Platform, you have access to Red Hat Ansible Certified Content Collections via Automation Hub.

The certified collection for AWS contains modules, roles, playbooks, and plugins that interact with and manage AWS services such as Amazon Elastic Compute Cloud (EC2), Simple Store Solution (S3), and AWS CloudFormation. With the help of these collections, you can implement automation more efficiently and accelerate time to value.

Get started with Red Hat Ansible Automation Platform Service on AWS

Visit the Ansible Automation Platform on AWS page to learn more or discover the full suite of Red Hat solutions available on AWS.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A trusted adviser to the Fortune 500, Red Hat provides award-winning support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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